

## **Remarks**

### **A. Status of the Claims**

No claims have been added, amended, or canceled. Claims 14 and 34-47 are pending.

### **B. Applicant's Response to the Species Election Requirement**

The Examiner requests Applicant to make the following election of species:

#### ***Species Election***

2. This application contains claims directed to the following patentably distinct species of the claimed invention. For the elected Group of invention, applicants are requested to further elect a single ultimate species for each of the following:

A.) A single specific selection of either associated with "idiopathic generalized epilepsy (IGE) OR "generalized epilepsy with febrile seizures". (see Claims 34 and 35).

B.) A single specific ion channel activity measurement. (see Claim 40).

C.) A single specific technique for assessing the flux of ions. (see Claim 41).

Action at page 2.

In response, Applicant elects the following species for further prosecution:

A. idiopathic generalized epilepsy (IGE);

B flux of ions through the channel (see "vi" of claim 40); and

C. <sup>14</sup>C-guanidine (see "iii" of claim 41).

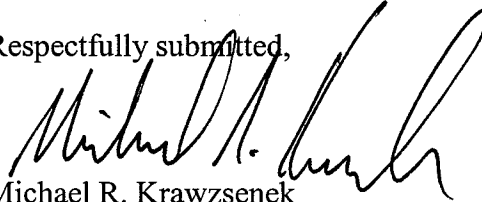
Claims 14, 34, 36-47 read on the elected species.

Applicant agrees with the Examiner that "[u]pon the allowance of a generic claim, applicant will be entitled to consideration of claims to additional species which are written in dependent form or otherwise include all the limitations of an allowed generic claim as provided by 37 CFR 1.141." Action at page 4.

**C. Conclusion**

This is a full and complete response to the Species Election Requirement mailed June 19, 2007. Should the Examiner have any questions, comments, or suggestions relating to this case, the Examiner is invited to contact the undersigned Applicants' representative at (512) 536-3020.

Respectfully submitted,



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